



# UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/665,910	09/18/2003	Kazuo Kudo	16869G-087100US	7077
20350 7590 07/26/2007 TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834			EXAMINER BERNATZ, KEVIN M	
			ART UNIT 1773	PAPER NUMBER
			MAIL DATE 07/26/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10665910	9/18/2003	KUDO ET AL.	16869G-087100US

TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

**EXAMINER**

Kevin M. Bernatz

**ART UNIT****PAPER**

1773

20070531

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**


[This is a duplicate of the Office Action submitted for mailing May 31, 2007. If Applicants have already received a copy of the above noted Office action, please ignore this duplicate copy. - KMB 7/23/07]

Please find attached the signed and initialed PTO-1449 filed April 23, 2007.

To clarify the record, the Examiner notes that the English translation of JP 2002-134318 A discloses a CoFeNi magnetic film for use in magnetic heads, wherein the pH can be in the range of 2-3.5, the amount of Fe can be 60-80%, the Bs can be > 2.2 T and the amount of Nickel is taught to be at least 1% (Figures and Paragraphs 0012, 0023 and 0026 - 0030).

However, JP '318 A teaches away from using a low Nickel concentration (Paragraphs 0037 - 0038) or of using saccharin sodium in the plating bath (Paragraphs 0019 and 0043 - 0047). Furthermore, the only data illustrating Bs values of at least 2.3 T (23,000 gauss) is for CoFe with no Nickel and/or for CoFe (50:50) with added Ni, which is outside the claimed Co and Fe percentages (minimum 60 at% Fe). Finally, JP '318 A is silent with regard to the ability to plate the film to the claimed thickness while still maintaining the recited property values.

As such, while JP '318 A disclose a similar method of making a soft magnetic film as Applicants, the Examiner deems that the claimed invention is patentably distinct from the disclosed JP '318 A invention for at least the reasons noted above.

  
Kevin M. Bernatz, PhD  
Primary Examiner

July 23, 2007